

FIG. 1

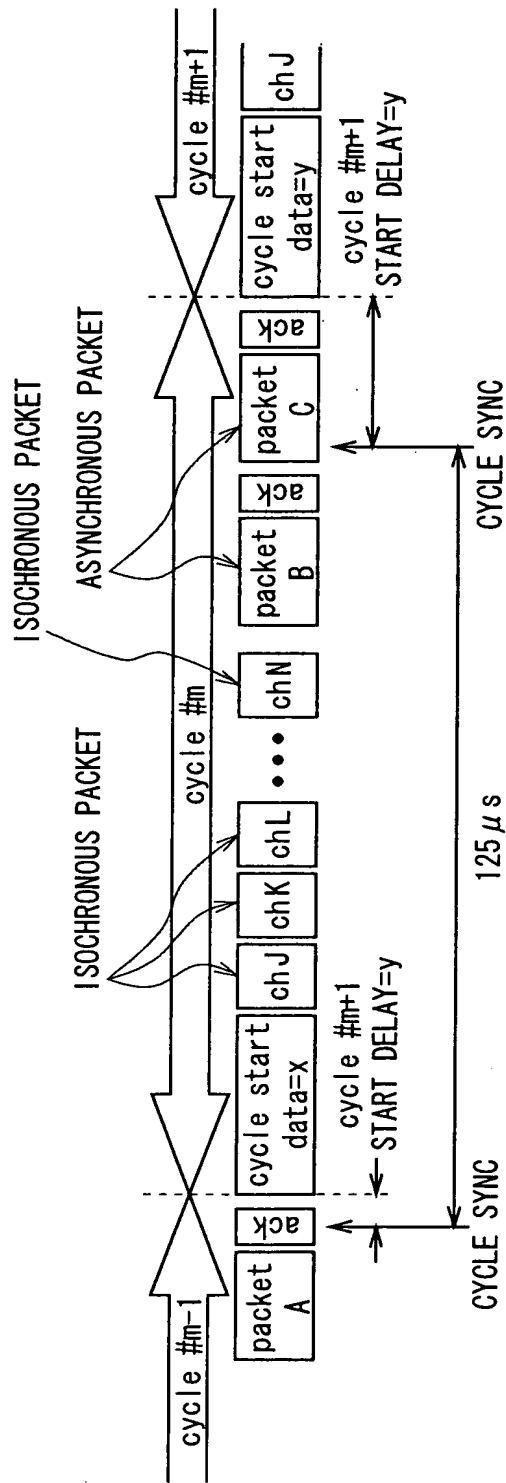


FIG. 2

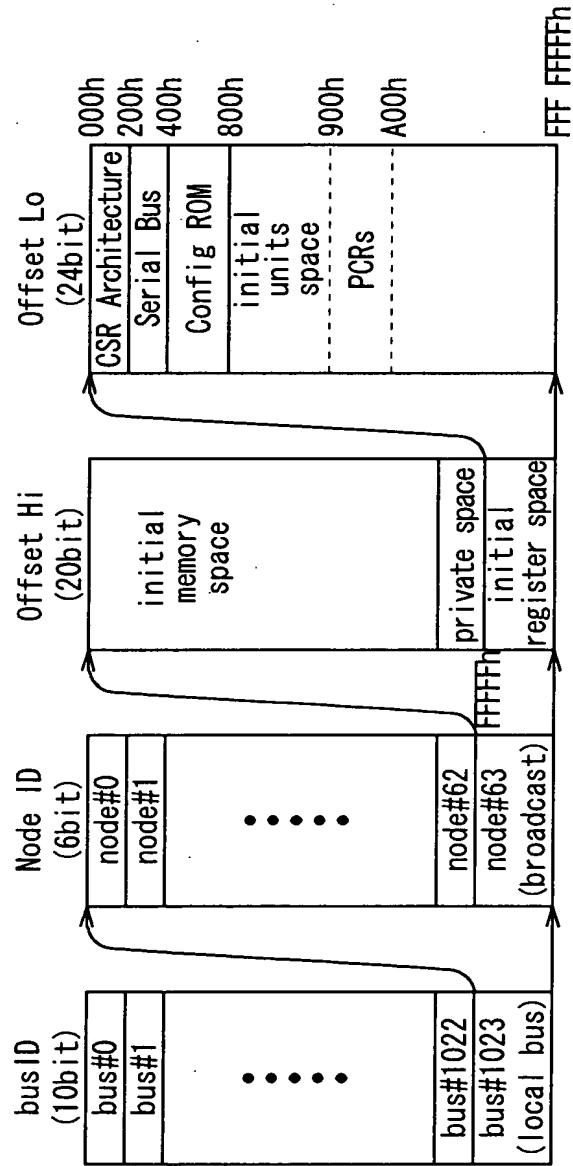


FIG. 3

OFFSET	NAME	OPERATION
000h	STATE_CLEAR	CONDITION AND CONTROL INFORMATION
004h	STATE_SET	SET STATE-CLEAR BIT
008h	NODE_IDS	SHOW 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	MEASURE THE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	DEFINE RETRY CONTROL
21Ch	BUS_MANAGER	SHOW ID OF BUS MANAGER
220h	BANDWIDTH_AVAILABLE	SHOW BANDWIDTH AVAILABLE TO ISCHRONOUS COMMUNICATIONS
224h-228h	CHANNELS_AVAILABLE	SHOW USAGE CONDITION OF EACH CHANNEL PAGE

FIG. 4

info length	info_length	crc_length	rom_crc_value
	bus_info_block		
	root_directory		
	unit_directories		
	root & unit leaves		
	vendor_dependent_information		

FIG. 5

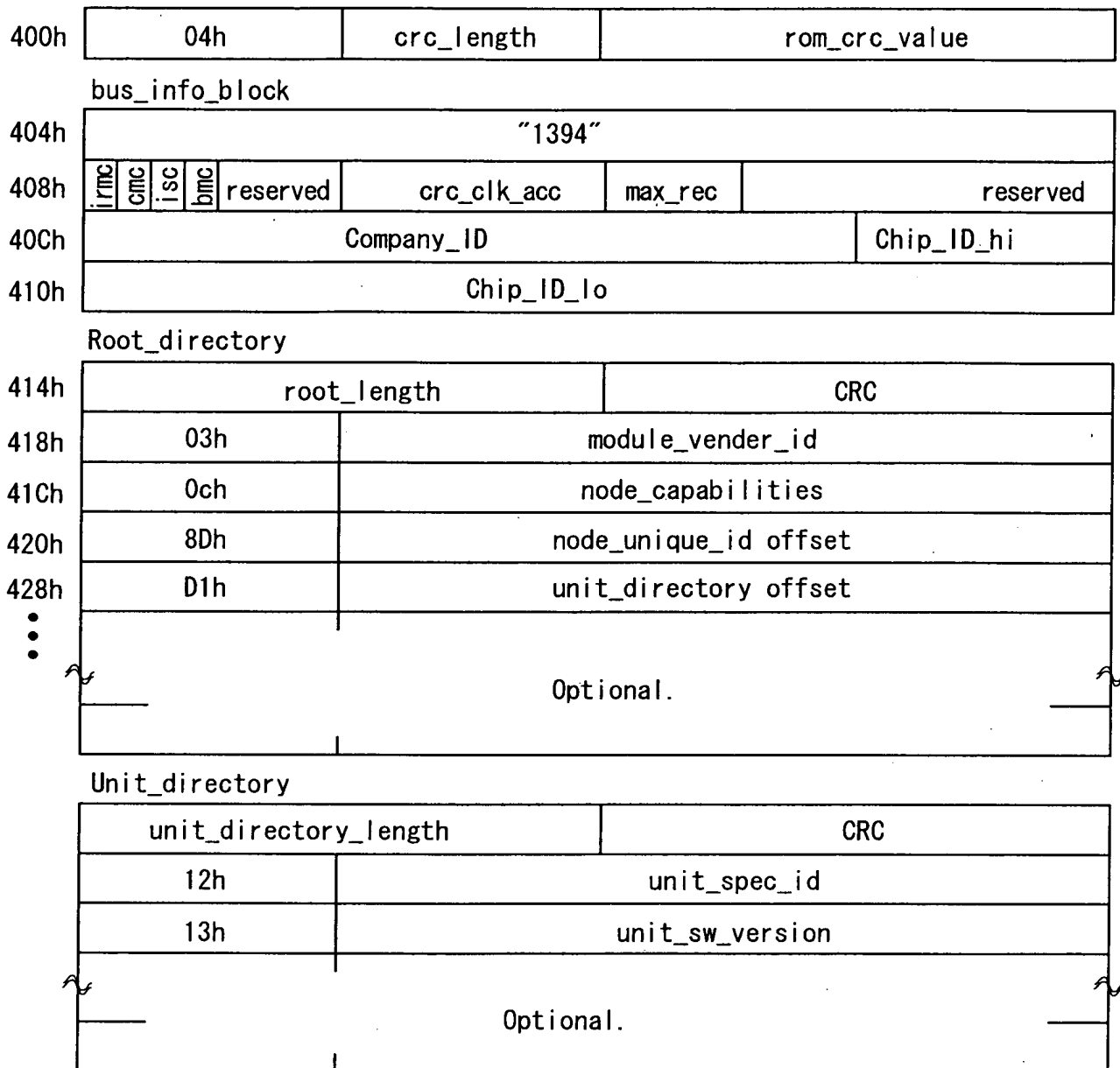


FIG. 6

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 7

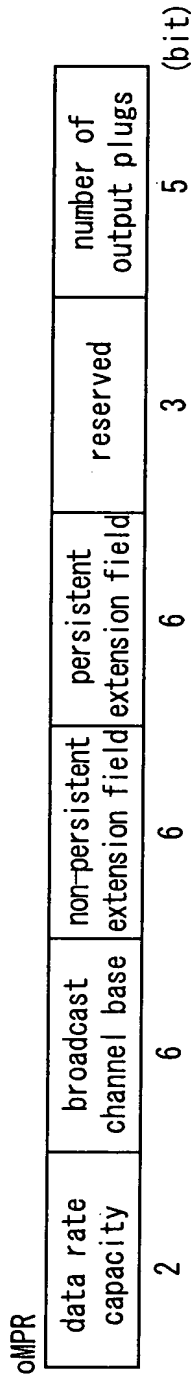


FIG. 8A

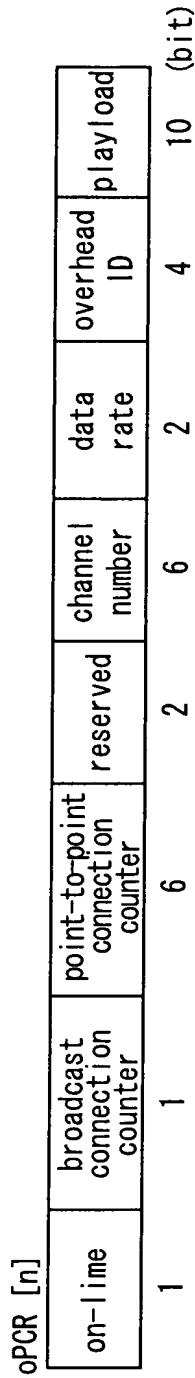


FIG. 8B

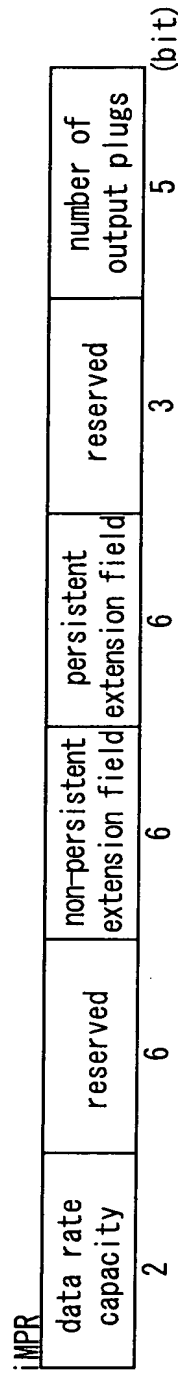


FIG. 8C

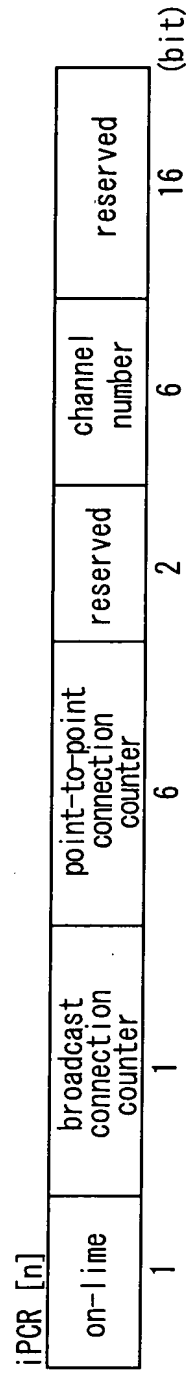


FIG. 8D



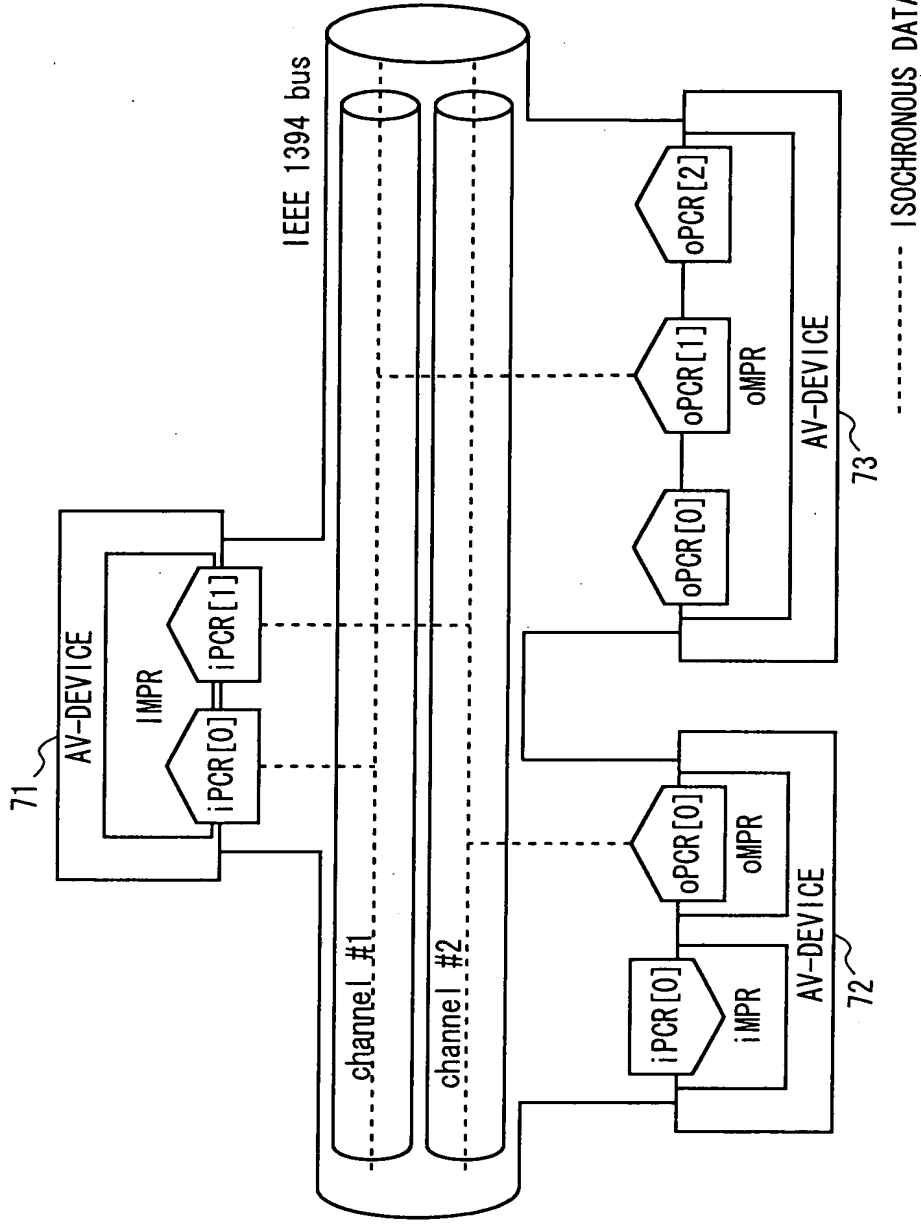


FIG. 9

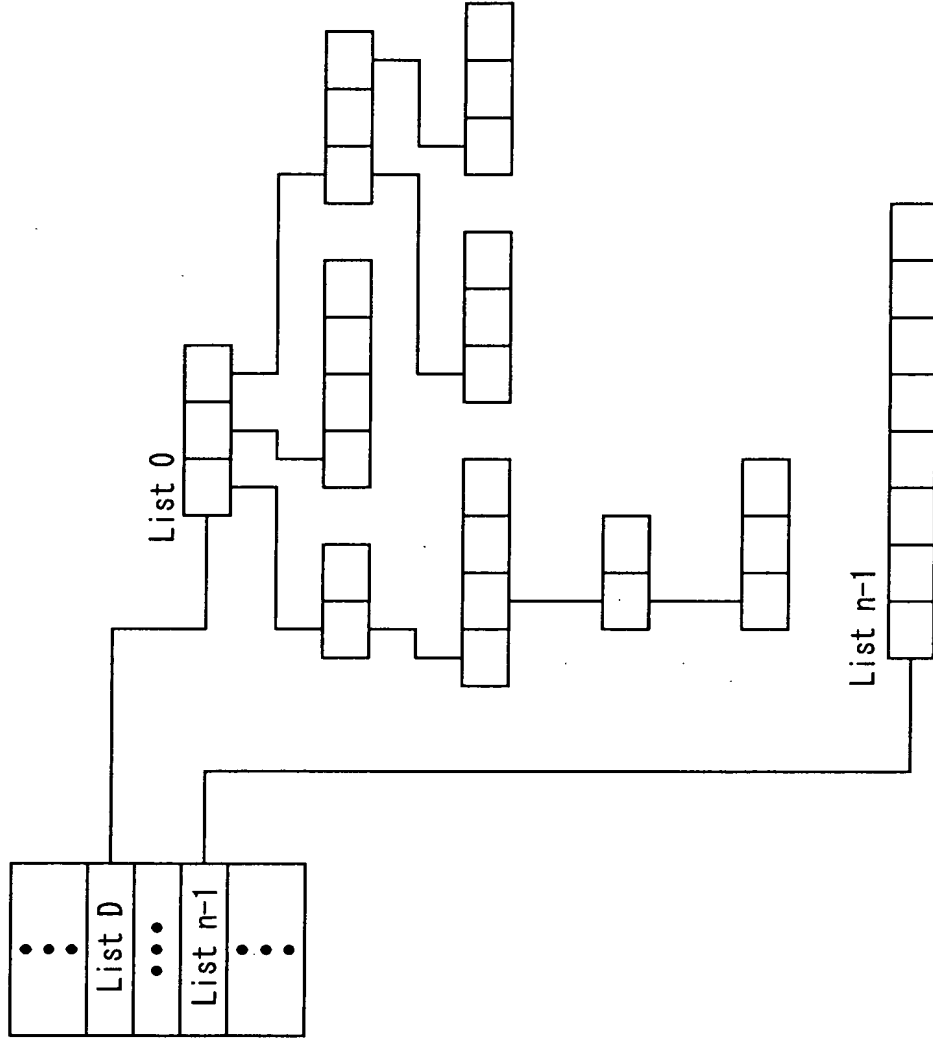


FIG. 10

The General Subunit Identifier Descriptor	
address	contents
00 00 <sub>16</sub>	descriptor_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	generation_ID
00 03 <sub>16</sub>	size_of_list_ID
00 04 <sub>16</sub>	size_of_object_ID
00 05 <sub>16</sub>	size_of_object_position
00 06 <sub>16</sub>	number_of_root_object_lists(n)
00 07 <sub>16</sub>	
00 08 <sub>16</sub>	root_object_list_id_0
•	
•	•
•	
•	root_object_list_id_n-1
•	
•	subunit_dependent_length
•	
•	subunit_dependent_information
•	
•	manufacturer_dependent_length
•	
•	manufacturer_dependent_information
•	
•	

FIG. 11

generation_ID values	
generation_ID	meaning
00 <sub>16</sub>	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 12

List ID Value Assignment Ranges	
range of values	list definition
0000 <sub>16</sub> –0FFF <sub>16</sub>	reserved
1000 <sub>16</sub> –3FFF <sub>16</sub>	subunit-type dependent
4000 <sub>16</sub> –FFFF <sub>16</sub>	reserved
1 0000 <sub>16</sub> –max list ID value	subunit-type dependent

FIG. 13

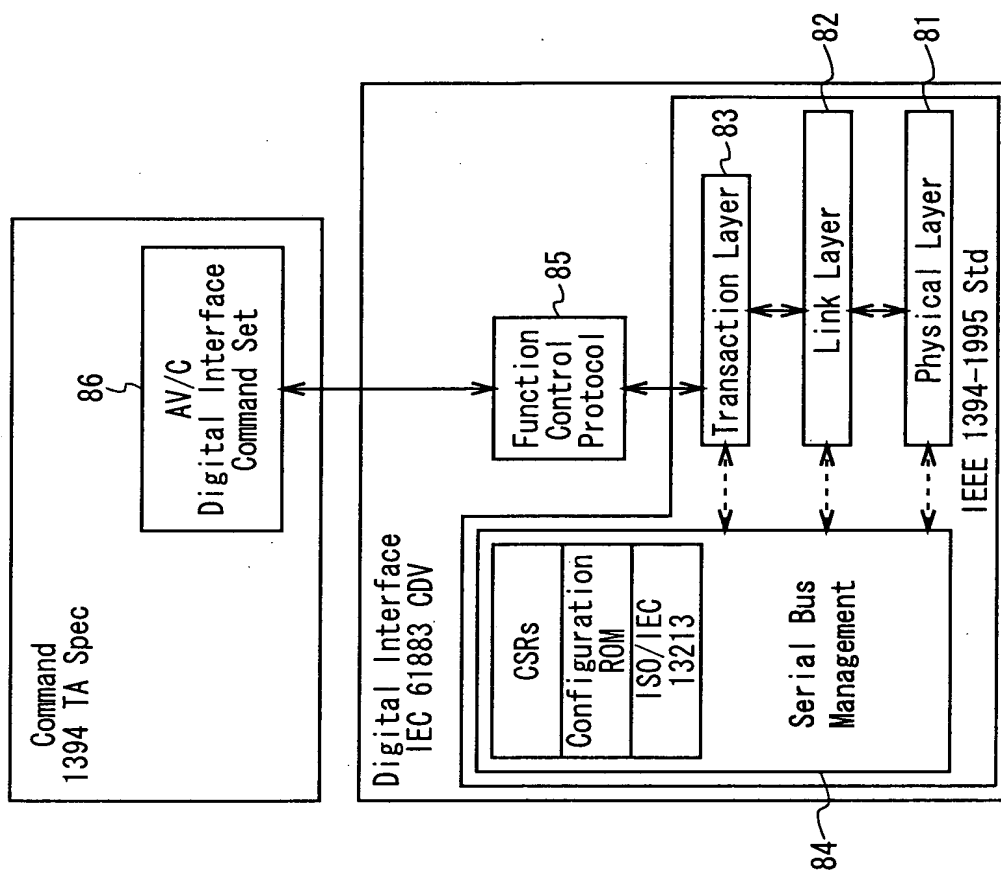


FIG. 14

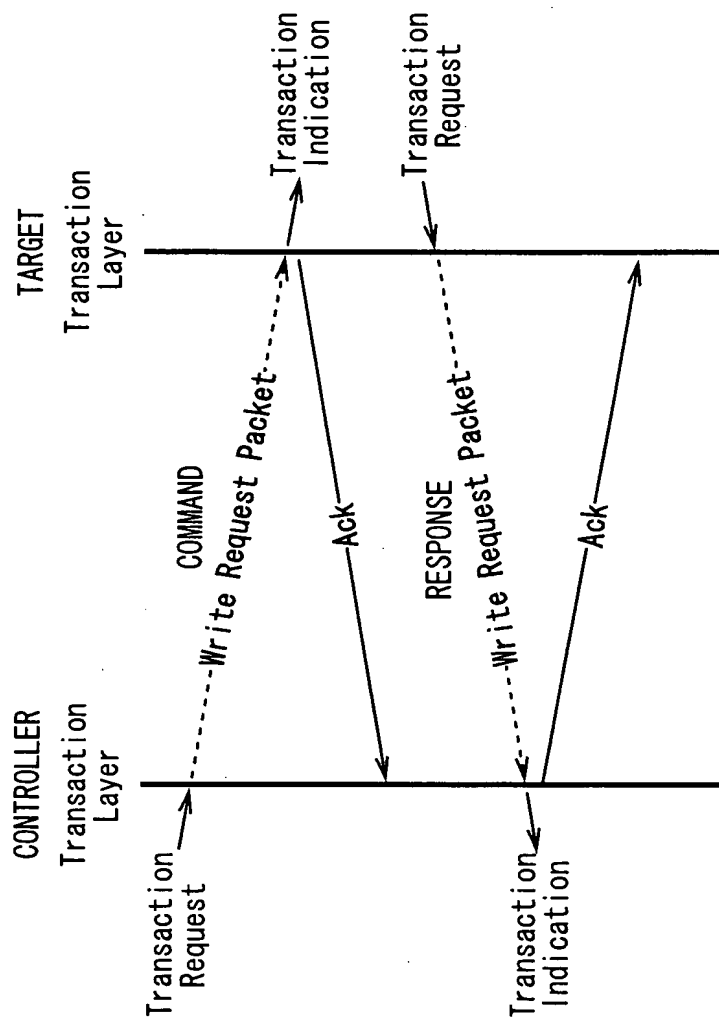


FIG.15

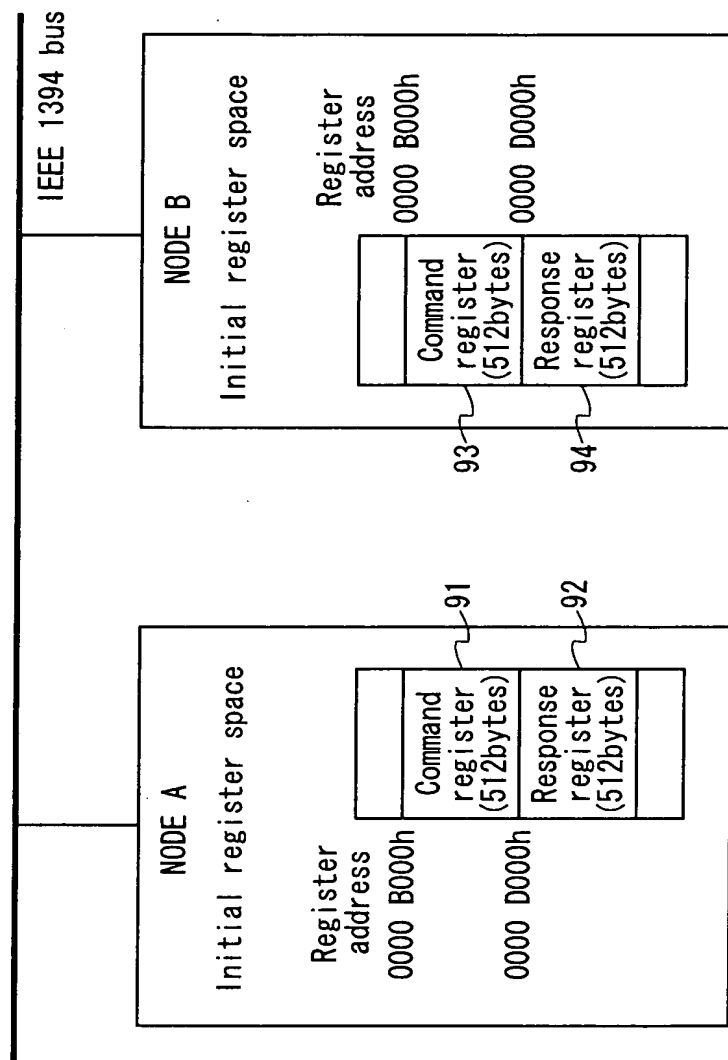


FIG. 16

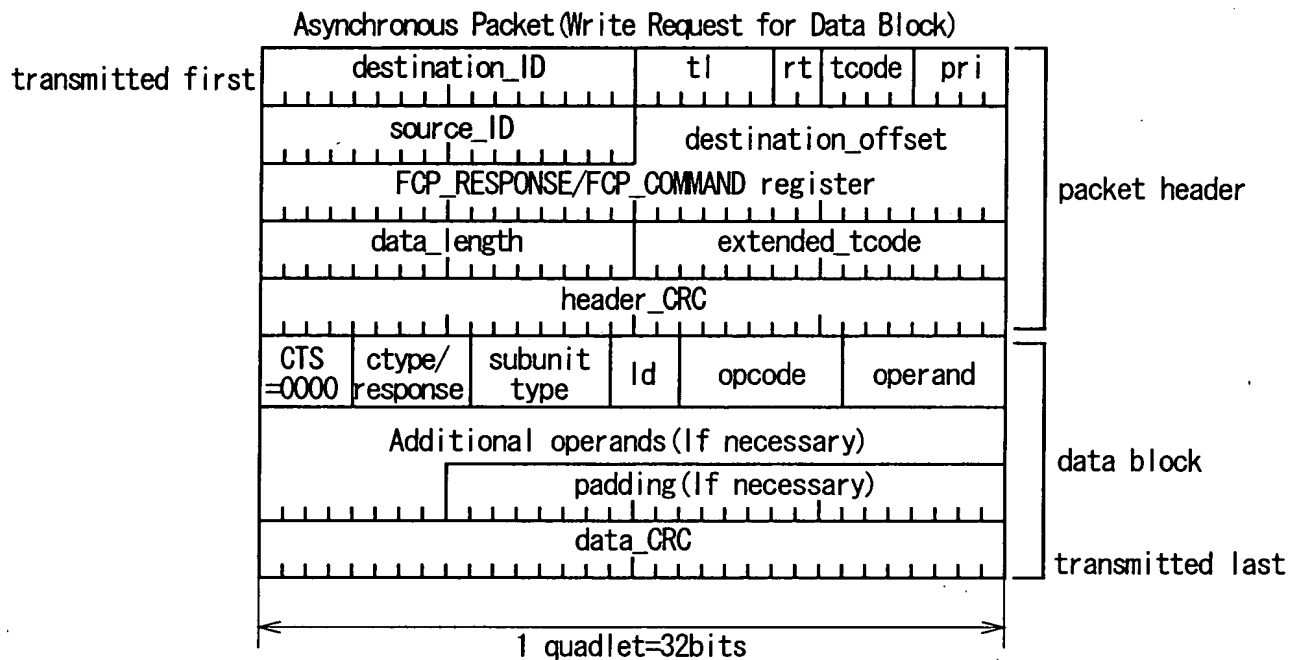


FIG. 17



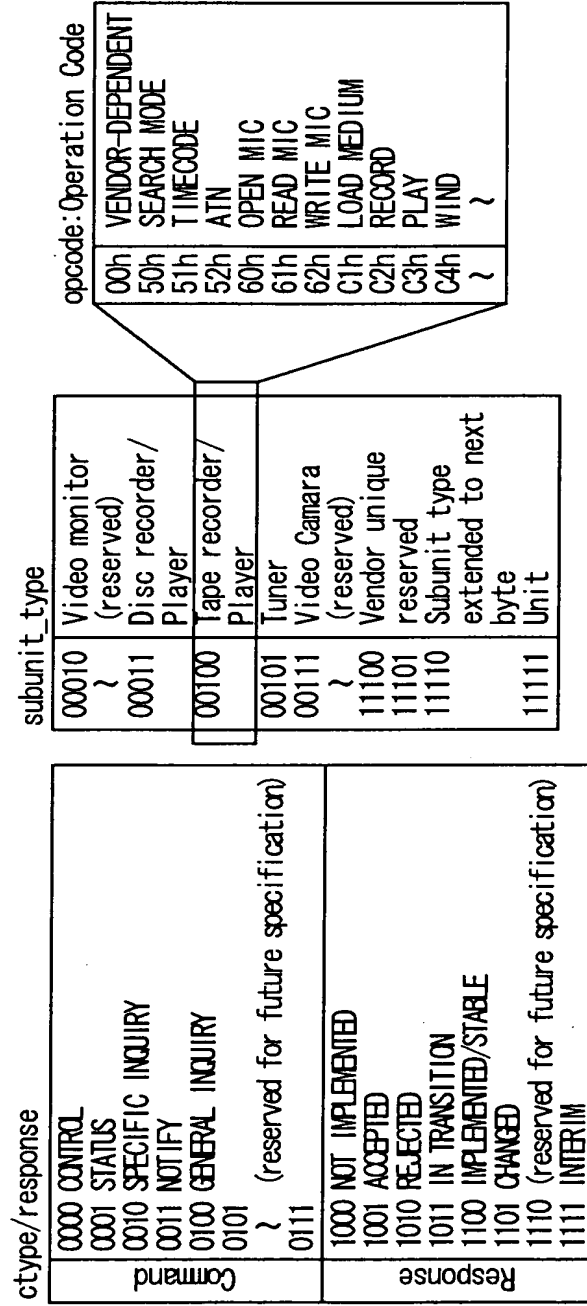


FIG. 18A

FIG. 18B

FIG. 18C

AV/C	control	tape recorder /player	id=	PLAY	FORWARD
CTS=	ctypes=	subunit	id=	opcode=	operand=
0000	0000	type=	000	C3h	75h
		00100			

FIG. 19A

AV/C	accepted	tape recorder /player	id=	PLAY	FORWARD
CTS=	response	subunit	id=	opcode=	operand=
0000	=1001	type=	000	C3h	75h
		00100			

FIG. 19B

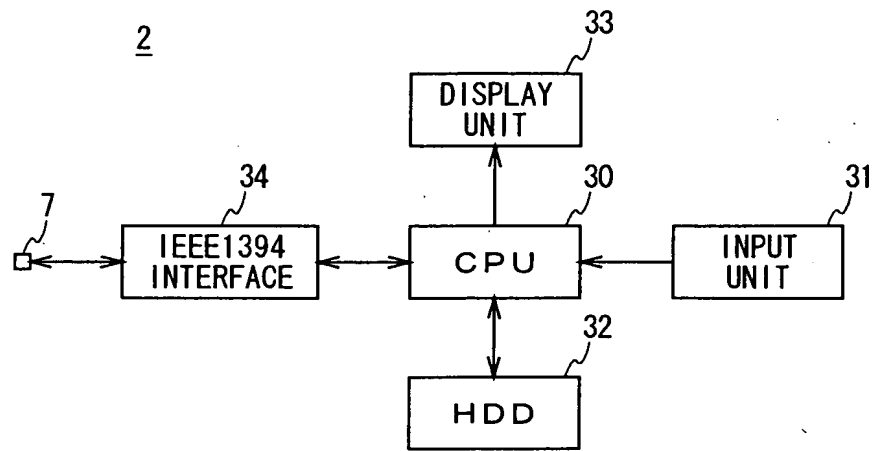


FIG. 20

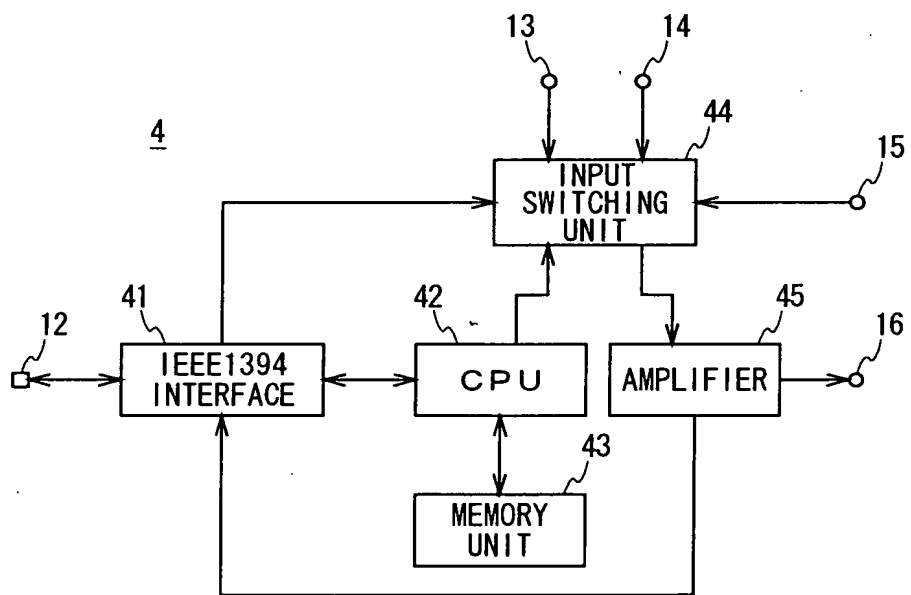


FIG. 21

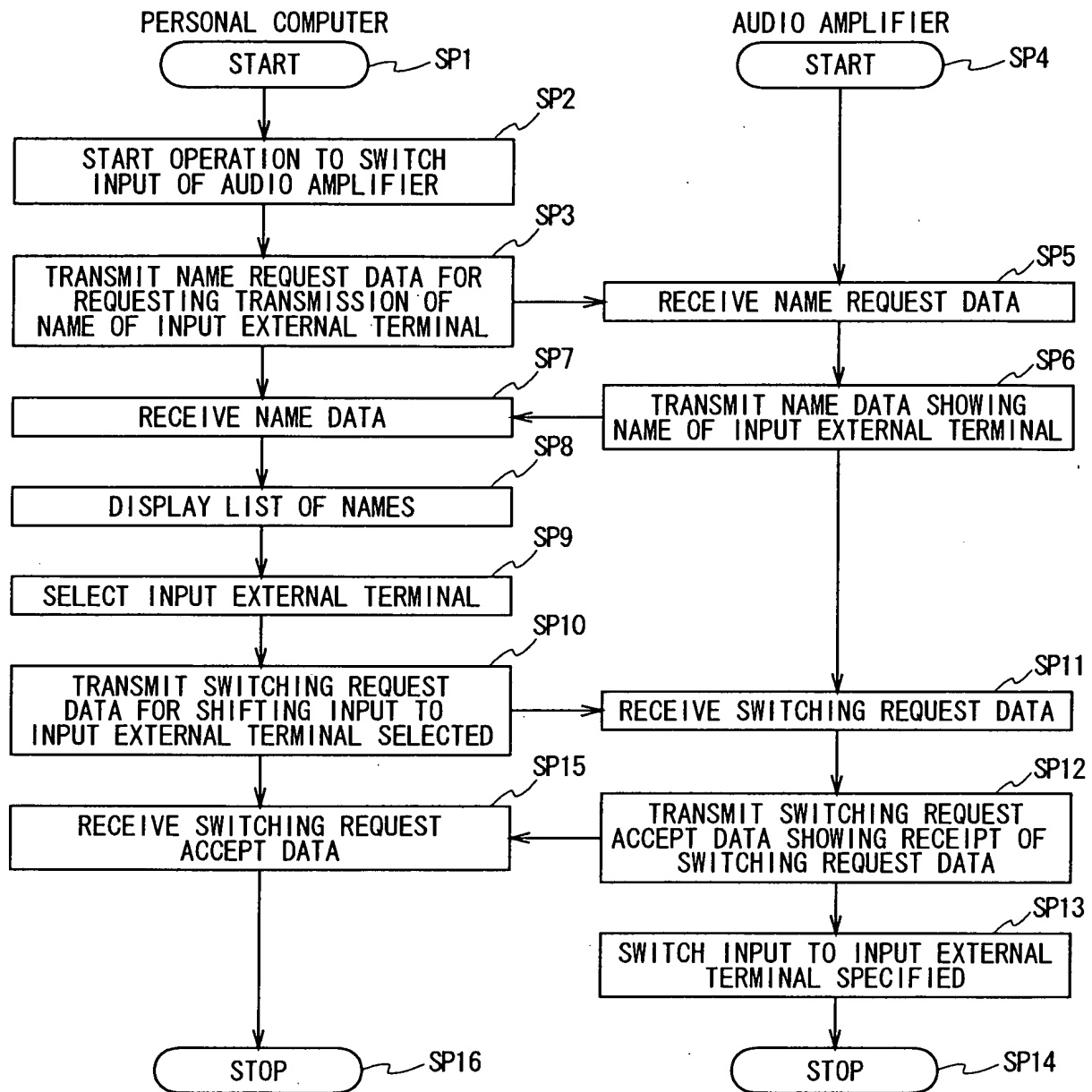


FIG. 22

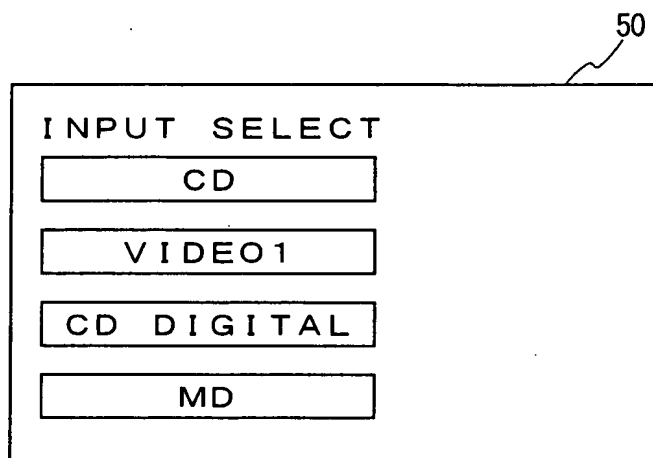


FIG. 23

FIG. 24A

INPUT SELECT	CD
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FIG. 24B

INPUT SELECT	VIDEO1
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FIG. 24C

INPUT SELECT	CD DIGITAL
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